

Special Supplies

SUBJECT: Radiation Equipment

A. Collecting Points

It is assumed that the five peripheral collecting points on the periphery of Washington will receive its medical support in the following manner:

1. Each of the collecting points will be manned by five-man teams of technicians or persons who are members of this Agency and specifically trained in the management of radiation equipment in addition to the first-aid management of casualties.
2. If the collecting point is a fixed location at each of the five points, three men will act as technicians in a battalion aid station. Their duties will be flexible and subject to change depending upon the severity of the explosion and their respective location with respect to the explosion, the number of casualties admitted to the collecting point, and the availability of supervision by medical officers.
3. The Medical Office will not be able to furnish medical officers to all five of the collecting points provided that they are all still in operation, but one medical officer and a health physicist could be moved from collecting point to collecting point by any method of transportation that is available.
4. The nucleus of these five collecting points should be a twenty-five bed hospital which may be set up in a tent or what other space is available.
5. The patients in this collecting point will be managed by the technicians assigned thereto.
6. Two other technicians will work out of this collecting point as a mobile unit in a station wagon which is equipped with space to transport at least two patients and voice communication with the decontamination center and new headquarters.
7. Each station wagon should have the following minimal equipment on board.

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List #2

T. L. Catalog Number	Description	Quantity	Price
SU-1B	Portable Radiation Survey Meter	2	\$ 2.75
SU-5	Beta Gamma Survey Meter	2	2.75
SU-10	Radiac ionization chamber	1	1.95
SU-6	Pocket Radiac	2	49.50
V-I	Minometer complete with 1 0.2r chamber	1	160.00
	Additional V-2 0.2r chambers	6	12.50
	Film Badges	12	1.00
Batteries to support monitors			
	Replaceable battery packs for SU-1B	2	
	" " " " SU-5	2	
	" " " " SU-10	2	
	" " " " VI Minometer	2	

Clothing for the two-man survey team can be found in the preceding description.

9-110-700	Blankets, large	each	24
	Stop watches	each	4

This compact unit can work in contaminated areas for what ever time the health physicist determines is within the realm of safety. When they reach their daily tolerance level they could be exchanged for two other technicians working back in the collecting point. Each collecting point should be so equipped to handle ambulatory patients.

These collecting points may be set up in tents or available buildings on the periphery of the area of destruction and serve two purposes:

1. The emergency care and treatment of Agency casualties from the area of the atomic blast.
2. Screening of personnel and equipment before it is sent to the Decontamination Center or to the refuge headquarters.

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Agency personnel casualties may be evacuated to the collecting points either a) by litter or b) by station wagon. However, only the most urgent cases should have priority for transportation by the station wagon.

All equipment thus far discussed with the exception of the communication equipment may be removed from the station wagon, and operated on the ground.

In addition to the radiation equipment carried by each of the two-man survey team an ordinary physician's bag will be supplied with the following items contained therein.

See attached List of Contents of "Physician's Emergency Medical Bag and Contents."

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SC-5A	Automatic sample changes	1	⊙	\$ 950.00
SC-5A	Trace graph printing interval timer	1	⊙	450.00
E-2A	Sample Storage Cabinet	4	⊙	25.00
E-1	Sample tray	40	⊙	1.50
E-3A	Absorbers set of 25 calibrated absorbers	1	⊙	50.00
E-4A	Flat planchets	1000	⊙	6.00/1000
E-5	Cupped planchets	200	⊙	2.00/100
E-20	Cupped planchets	200	⊙	5.00/100
E-6	Pyrex cooking dishes	36	⊙	5.00/doz
E-7	Brass rings and discs	36	⊙	12.00/doz
E-23	Interlocking lead bricks complete set as follows:			
E-23A	Full bricks	16	⊙	10.00
E-23B	Half bricks	16	⊙	7.50
E-23C	90° corner	16	⊙	5.00
E-23D	120° corner	8	⊙	5.00
E-23E	Male end	4	⊙	5.00
E-23F	Female end	4	⊙	5.00
E-17	Remote handling tongs	4	⊙	25.00
E-18	Remote pipetting device	2	⊙	50.00
	Lauritzen electrosopes	4	⊙	60.00

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